PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY To: PCT MITCHELL W. SHAPIRO MILES & STOCKBRIDGE P.C. 1751 PINNACLE DRIVE JAN 1 8 2005 SUITE 500 WRITTEN OPINION MILES & STOCKBRIDGE P.C. MCLEAN, VIRGINIA 22102 TYSONS CORNER (PCT Rule 66) Date of Mailing 1·3 JAN 2005 (day/month/year) Applicant's or agent's file reference REPLY DUE within 2 months/days from F-10048-PCT the above date of mailing International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/US03/32158 09 October 2003 (09.10.2003) 09 October 2002 (09.10.2002) International Patent Classification (IPC) or both national classification and IPC IPC(7): H03L 07/08, 07/14 and US Cl.: 331/14, 17, 25 Applicant ACRON PACKET SOLUTIONS, LLC This written opinion is the first (first, etc.) drawn by this International Preliminary Example 1. 1. This opinion contains indications relating to the following items: 2. Basis of the opinion П **Priority** Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Ш Lack of unity of invention Reasoned statement under Rule 66.2 (a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VΙ Certain documents cited Certain defects in the international application VII VIII Certain observations on the international application 3. The applicant is hereby invited to reply to this opinion. When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.2(d). By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. How? For the form and the language of the amendments, see Rules 66.8 and 66.9. For an additional opportunity to submit amendments, see Rule 66.4. Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6 If no reply is filed, the international preliminary examination report will be established on the basis of this opinion. 4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 09 February 2005 (09.02.2005) Name and mailing address of the IPEA/US Authorized officer Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (571)272-1650 Facsimile No. (703) 305-3230

Form PCT/IPEA/408 (cover sheet)(July 1998)

ŋ	1	WRITTEN OPINION	International application No. PCT/US03/32158
Basis o	of the opi	nion	
With re	gard to the	elements of the international application:*	
⊠ uh	e internat	tional application as originally filed	

1.	With	regard to the elements of the international application:*		
	\boxtimes	the international application as originally filed		
	X	the description:		
		pages 1-15, as originally filed		
		pages NONE , filed with the demand		
		pages NONE, filed with the letter of		
	\square	the claims:		
		pages 16-20 , as originally filed		
		pages NONE, as amended (together with any statement) under Article 19		
		pages NONE , filed with the demand		
		pages NONE, filed with the letter of		
	\square	the drawings:		
	لكا	pages 1-7, as originally filed		
		pages NONE , filed with the demand		
		pages NONE , filed with the letter of		
		the common linking mant of the description.		
	ш	the sequence listing part of the description: pages NONE, as originally filed		
		pages NONE, as originally filed pages NONE, filed with the demand		
		pages NONE, filed with the letter of		
2	11/j+ }			
	langu	h regard to the language, all the elements marked above were available or furnished to this Authority in the uage in which the international application was filed, unless otherwise indicated under this item. see elements were available or furnished to this Authority in the following language which is:		
		• • • • • • • • • • • • • • • • • • • •		
	H	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).		
	H	the language of publication of the international application (under Rule 48.3(b)).		
		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).		
		n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written ion was drawn on the basis of the sequence listing:		
		contained in the international application in printed form.		
		filed together with the international application in computer readable form.		
		furnished subsequently to this Authority in written form.		
	同	furnished subsequently to this Authority in computer readable form.		
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the			
	با	international application as filed has been furnished.		
		The statement that the information recorded in computer readable form is identical to the written sequence listing		
		has been furnished.		
4.		The amendments have resulted in the cancellation of:		
		the description, pages NONE		
		the claims, Nos. NONE		
		the drawings, sheets/fig NONE		
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5.		This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).		
* F this	Replac : opini	cement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in ion as "ori ginally filed."		

WRITTEN OPINION

International application No. PCT/US03/32158

Claims 1- Claims No Claims No Claims No Claims No Claims 1- Claims No Claims 1- Claims No Claims	DNE TONE TONE Tone The prior art does not teach paintain the frequency of the erty from the memory modul width property measurement areas a calibration reference	NONO
Claims 1- Claims No Claims No Claims No Claims 1- Claims No Claims	ONE TONE TONE The prior art does not teach paintain the frequency of the erty from the memory modul width property measurement are a calibration reference	NO YES NO YES NO or fairly suggest generating a voltage controlled oscillator; e and to generate a new signal t to phase-lock the voltage
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	e determined relative freque	
		icle 33(4), and thus have industrial applicability be

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VII. Certain defects in the international application			
The following defects in the form or contents of the international application have been noted:			
Claims 13-17 are objected to under PCT Rule 66.2(a)(iii) as containing the following defect(s) in the form or contents thereof: Claims 13 to 17 should be renumbered as claims 12 to 16 because "12" was not used as a claim number and thus claims 13 to 17 do not comply with PCT Rule 6.1(b) "If there are sev eral claims, they shall be numbered consecutively in Arabic numerals".			
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Supp (To b	plemental Box be used when the space in any of the preceding boxes is not sufficient)				
The texpir	TIME LIMIT: The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.				
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